

Converting Colors

Decimal(6137835)

Have a look what the booklet for
Decimal(6137835) contains.

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Color

Decimal(6137835)

Conversions

Conversions Part 1

Format	Color
Hex	5DA7EB
RGB	93, 167, 235
RGB Percent	36%, 65%, 92%
CMY	0.6353, 0.3451, 0.0784
CMYK	0.60, 0.29, 0.00, 0.08
HSL	209°, 78%, 64%
HSV	209°, 60%, 92%
XYZ	33.3283, 35.9627, 83.7822
YIQ	152.6260, -65.9320, 5.4600

Conversions

Conversions Part 2

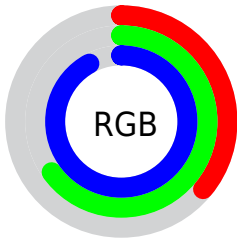
Format	Color
R _Y B	93, 142, 235
Decimal	6137835
CIE Lab	66.49, -2.98, -41.04
CIE LCh	66, 41.153, 265.843
Yxy	35.9627, 0.2177, 0.2349
Android (android.graphics.Color)	4284327915 (0xFF5DA7EB)
YUV	152.6260, 40.6104, -52.2920
Hunter-Lab	59.9689, -5.7426, -40.8554

Details

The Decimal color **6137835** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **15442269**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **10084095**, and **422835** is the 20% darker color. If you saturate the color by 10%, you get **4562155**, and if you desaturate by 10%, it is **7647979**.

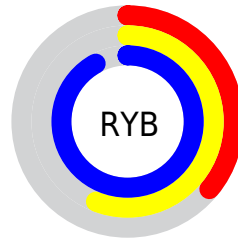
Distribution



Red (36%)

Green (65%)

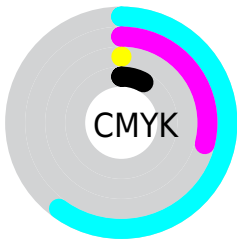
Blue (92%)



Red (36%)

Yellow (56%)

Blue (92%)

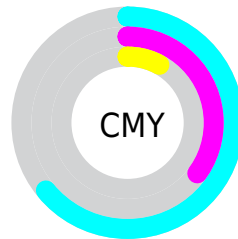


Cyan (60%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (64%)

Magenta (35%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6137835 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 6137835 by changing the saturation by 10% instead.

■ 6137835

■ 6137835

16777215

■ 3968463

■ 10084095

■ 422835

■ 12057343

■ 23448

■ 14024703

■ 17534

■ 15990783

■ 11876

■ 6732

■ 1333

■ 543

■ 1

■ 6137835

■ 6137835

■ 4562155

■ 7647979

■ 3051755

■ 9223915

■ 1476075

■ 10734059

■ 31467

■ 12309739

■ 13819883

■ 15395819

■ 16774891

■ 16777195

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45278



6137835



10394340

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6137835



15238787



7123319

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6137835



15442269

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10070365



6137835



14324070

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6137835



14976168



12492375



3257755

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6137835



12489173



12492375



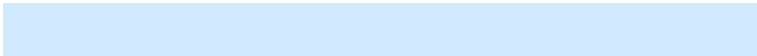
8171373

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6137835



13756927



6155167



6517376



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6137835



4564735



6120171



6975605



24245



7222

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15424935



16729510



15459933



7694960



11862110



3538972

Previews

White Background



This preview shows how the Decimal color 6137835 looks on a white background.

Color Contrast Check

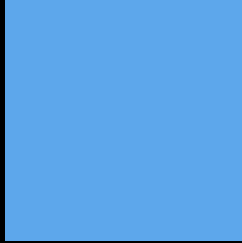
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 6137835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6137835 Background



This preview shows how black text looks on a background with the Decimal color 6137835.



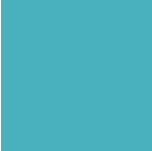
This preview shows how white text looks on a background with the Decimal color 6137835.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



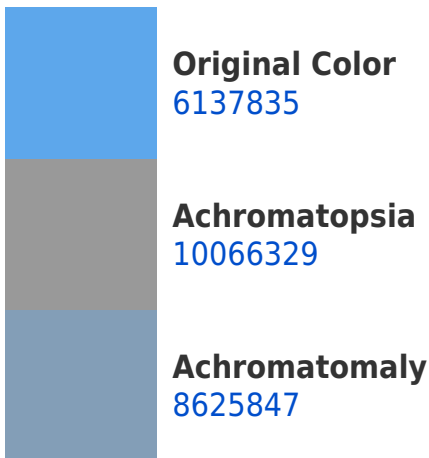


Tritanopia
4829374

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6137835 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5DA7EB looks like.

```
.text, #text, p{  
    color:#5DA7EB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5DA7EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA7EB
}
```

Border

The CSS property to change the border of an element to Decimal 6137835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5DA7EB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5DA7EB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5DA7EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA7EB; -webkit-box-shadow:4px 4px  
4px 4px #5DA7EB; box-shadow:4px 4px 4px  
4px #5DA7EB }
```

Background

The CSS property to change the background color of an element to Decimal 6137835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA7EB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5DA7EB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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